

Lesson 4-5 Equivalent Fractions

Video Code: aqe-0405

Video: Finding Equivalent Fractions

- Equivalent Fractions** describe the _____ part of a _____. Shade in below to show how $\frac{3}{4}$ is equivalent to $\frac{9}{12}$

- You can use _____ or _____ to find equivalent fractions.

☐ $\frac{3}{4} =$ _____

☐ $\frac{9}{12} =$ _____

Example 1: Find two equivalent fractions of $\frac{20}{25}$

Which fraction is an equivalent fraction of $\frac{8}{10}$?

Ⓐ $\frac{16}{10}$ Ⓑ $\frac{4}{5}$ Ⓒ $\frac{8}{20}$ Ⓓ $\frac{2}{5}$

1) Identify the fraction that is equivalent to $\frac{8}{17}$.

☐ $\frac{34}{16}$

☐ $\frac{32}{51}$

☐ $\frac{24}{51}$

☐ $\frac{24}{34}$

2) Identify the pair of fractions equivalent to $\frac{25}{45}$.

☐ $\frac{5}{9}, \frac{75}{135}$

☐ $\frac{5}{9}, \frac{20}{40}$

☐ $\frac{50}{90}, \frac{75}{120}$

☐ $\frac{5}{8}, \frac{75}{135}$

3) Identify the fraction that is equivalent to $\frac{5}{7}$.

☐ $\frac{15}{21}$

☐ $\frac{14}{10}$

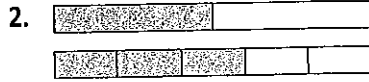
☐ $\frac{25}{28}$

☐ $\frac{15}{14}$

Practice 4-5

Equivalent Fractions

Name the fractions modeled and determine if they are equivalent.



By what number can you multiply the numerator and denominator of the first fraction to get the second fraction?

4. $\frac{2}{3}, \frac{4}{6}$

5. $\frac{3}{8}, \frac{15}{40}$

6. $\frac{7}{10}, \frac{42}{60}$

7. $\frac{3}{4}, \frac{9}{12}$

By what number can you divide the numerator and denominator of the first fraction to get the second fraction?

8. $\frac{6}{8}, \frac{3}{4}$

9. $\frac{70}{80}, \frac{7}{8}$

10. $\frac{15}{60}, \frac{1}{4}$

11. $\frac{75}{100}, \frac{3}{4}$

Write two equivalent fractions for each fraction.

12. $\frac{3}{10}$ _____

13. $\frac{7}{8}$ _____

14. $\frac{5}{6}$ _____

15. $\frac{3}{4}$ _____

16. $\frac{15}{20}$ _____

17. $\frac{8}{12}$ _____

18. $\frac{15}{45}$ _____

19. $\frac{8}{32}$ _____

State whether each fraction is in simplest form. If it is not, write it in simplest form.

20. $\frac{15}{35}$ _____

21. $\frac{22}{55}$ _____

22. $\frac{25}{32}$ _____

23. $\frac{34}{36}$ _____

24. $\frac{19}{57}$ _____

25. $\frac{125}{200}$ _____

26. $\frac{27}{54}$ _____

27. $\frac{30}{41}$ _____

28. $\frac{85}{110}$ _____

29. A library has 10 camping guide books, 4 fishing guide books, and 6 hiking guide books. In simplest form, what fraction of the guide books are camping or hiking guide books?

30. An orchard has 48 apple trees, 30 peach trees, and 42 pear trees. In simplest form, what fraction of the trees are peach trees?